

Title (en)

A METHOD FOR THE PACKAGING OF OIL, IN PARTICULAR EDIBLE OIL, IN FLEXIBLE PACKAGES

Publication

EP 0339491 B1 19910918 (EN)

Application

EP 89107128 A 19890420

Priority

SE 8801592 A 19880428

Abstract (en)

[origin: EP0339491A1] The invention relates to a method for the packaging of edible oil in flexible packages (1) without a risk of deformation of the packages such as occurs as the air enclosed in the packages readily dissolves in the edible oil and creates a partial vacuum in the package (1). This problem is solved in that the edible oil beforehand is saturated with nitrogen gas (N₂) and that the packing operation is performed in a chamber (2) wherein a nitrogen gas atmosphere prevails. As a result of this process the sealed package (1) on the one hand will contain edible oil saturated with nitrogen, which means that the edible oil in principle is unable to absorb any more nitrogen gas, and on the other hand the gas which is enclosed in the package (1) consists of just nitrogen gas, which means that the edible oil cannot absorb and dissolve the gas which is enclosed in the package (1)

IPC 1-7

A23D 7/06

IPC 8 full level

A23D 7/06 (2006.01); **A23D 9/06** (2006.01); **B65B 31/00** (2006.01)

CPC (source: EP)

A23D 9/06 (2013.01); **B65B 31/006** (2013.01)

Cited by

ES2169989A1; ES2169990A1; AT409800B; JP2017114506A; US7517544B2; US6405872B1; WO0064803A1; US7111440B2; US6634157B2; WO0020325A1; WO9527401A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0339491 A1 19891102; EP 0339491 B1 19910918; EP 0339491 B2 19961204; AT E67377 T1 19911015; DE 68900272 D1 19911024; ES 2026287 T3 19920416; ES 2026287 T5 19970301; SE 461005 B 19891218; SE 8801592 D0 19880428; SE 8801592 L 19891029

DOCDB simple family (application)

EP 89107128 A 19890420; AT 89107128 T 19890420; DE 68900272 T 19890420; ES 89107128 T 19890420; SE 8801592 A 19880428